

Title (en)
INTEGRATED DEVICE FOR CONSTANT-TEMPERATURE FULLY-AUTOMATIC CELL SLIDE PREPARATION, AND SLIDE PREPARATION METHOD

Title (de)
INTEGRIERTE VORRICHTUNG ZUR VOLLAUTOMATISCHEN ZELLOBJEKTTRÄGERHERSTELLUNG BEI KONSTANTER TEMPERATUR UND OBJEKTTRÄGERHERSTELLUNGSVERFAHREN

Title (fr)
DISPOSITIF INTÉGRÉ POUR PRÉPARATION ENTIÈREMENT AUTOMATIQUE DE LAMES DE MICROSCOPE À TEMPÉRATURE CONSTANTE, ET PROCÉDÉ DE PRÉPARATION DE LAMES DE MICROSCOPE

Publication
EP 4206641 A1 20230705 (EN)

Application
EP 21876855 A 20210420

Priority
• CN 202011074174 A 20201009
• CN 2021088274 W 20210420

Abstract (en)
An integrated constant-temperature fully-automatic cell smear preparation device includes a rotary settling disc (12), where the rotary settling disc (12) includes a settling disc base and a turntable body connected to a settling disc body through a fixed shaft; a glass slide addition mechanism arranged adjacent to a glass slide inlet (24) position of the rotary settling disc (12), where the glass slide addition mechanism is configured to push the glass slides without samples into the rotary settling disc (12) from the glass slide inlet (24) position; a cleaning and sample addition integrated device, where the cleaning and sample addition integrated device is arranged on a side of the rotary settling disc (12), the cleaning and sample addition integrated device includes a cleaning assembly (29) and a sample addition assembly, and the cleaning assembly (29) and the sample addition assembly add fluid to one or more different settling cups (05) simultaneously as the turntable body rotates intermittently; and a glass slide discharging mechanism arranged adjacent to a glass slide outlet (32) position of the rotary settling disc (12), where the glass slide discharging mechanism is configured to remove the glass slides with the samples from the glass slide outlet (32) position.

IPC 8 full level
G01N 1/28 (2006.01); **G01N 1/31** (2006.01)

CPC (source: CN EP US)
G01N 1/2813 (2013.01 - CN EP US); **G01N 1/31** (2013.01 - CN); **G01N 1/312** (2013.01 - EP US); **G01N 35/00029** (2013.01 - EP); **G01N 35/04** (2013.01 - EP); **G01N 35/1002** (2013.01 - EP); **G01N 2035/00049** (2013.01 - EP); **G01N 2035/00089** (2013.01 - EP); **G01N 2035/00138** (2013.01 - EP); **G01N 2035/0405** (2013.01 - EP); **G01N 2035/0437** (2013.01 - EP); **G01N 2035/0441** (2013.01 - EP)

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KH MA MD TN

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